

## **I. INSTRUCTIONS**

1. At the vendor's expense, an independent testing lab shall use the provided soil testing procedures to test modified soil (soil with the product applied at the manufacturer's recommended rate) and unmodified soil. Please note that a minimum of two samples of the unmodified soil and two samples for each tested application rate of modified soil will be required. At a minimum, the independent lab report shall contain the following:
  - a. AASHTO soil classification [AASHTO M 145]
  - b. Maximum dry density and optimum moisture content [AASHTO T 99]
  - c. Density of modified soil at optimum moisture [AASHTO T 134]
  - d. Density of unmodified soil at optimum moisture [AASHTO T 99]
  - e. Unconfined compressive strength of modified soil at two and seven days using the curing procedure for either lime or cement [ASTM D 1633]
  - f. Unconfined compressive strength of unmodified soil at two and seven days [ASTM T 208]
  - g. Descriptions and pictures of samples after submerging and soaking in water for 24 hours

## **II. SUPPLEMENTAL REQUIREMENTS**

The following information shall be provided on the PEP Application.

1. Detailed method of application
2. Typical range of application rates
3. Specific product limitations (physical, chemical, temperature, environmental, etc.)
4. Specific explanation of benefits when compared to lime and cement stabilizers

The following information shall be attached to the PEP Application.

1. Material Safety Data Sheet
2. Independent testing lab report and results